## Contents

## Marine Geology Volume 83, 1988

## Research Papers

Accumulation and dissolution of opal in Quaternary sediments of the Zaire deep-sea fan (northeastern Angola Basin)	
J.H.F. Jansen and S.J. van der Gaast (Den Burg, The Netherlands)	
J. Mienert and W.B. Curry (Woods Hole, Mass., U.S.A.) and M. Sarnthein (Keil, F.R.G.)	. 9
A spectral analysis procedure for dating Quaternary deep-sea cores and its application to a high-resolution Brunhes record from the Southwest Pacific	1
K.P. Black (Melbourne, Vic., Australia) and C.S. Nelson and C.H. Hendy (Hamilton, New Zealand)	. 21
La structure de la marge occidental de la Sardaigne et la fragmentation de l'île au Cenozoïque. (The structure of the western continental margin of Sardinia and the fragmentation of the island during the Cenozoic.)	
B. Thomas and M. Gennesseaux (Paris, France) and L. Lecca (Cagliari, Sardinia, Italy)	. 31
Sediment transport processes on an active submarine fault escarpment: Gulf of Corinth, Greece	
G. Ferentinos and G. Papatheodorou (Patras, Greece) and M.B. Collins (Swansea, Wales, U.K.)	43
Study of sand microforms in the nearshore zone	
R.D. Kos'yan (Gelendzhik, U.S.S.R.)	63
Seismic stratigraphy of the Mississippi-Alabama shelf and upper continental slope	
J.L. Kindinger (Miami Beach, Fla., U.S.A.)	79
Structure, age and origin of the bay-mouth shoal deposits, Chesapeake Bay, Virginia	
S.M. Colman (Woods Hole, Mass., U.S.A.), C.R. Berquist Jr. (Williamsburg, Va., U.S.A.) and C.H. Hobbs III (Gloucester	
Point, Va., U.S.A.)	95
Late Wisconsinan-Holocene paleogeography of Delaware Bay; a large coastal plain estuary	
H.J. Knebel (Woods Hole, Mass., U.S.A.), C.H. Fletcher III (West Chester, Pa., U.S.A.) and J.C. Kraft (Newark, Del., U.S.A.)	
Biostratigraphic and sedimentological evidence of hydrographic changes in the Kattegat during the later part of the	
Holocene	
K. Nordberg and H. Bergsten (Gothenburg, Sweden)	135
A stratigraphic study of Late Quaternary sediments on the Vøring Plateau, eastern Norwegian Sea	150
M. Ramm (Oslo, Norway)	
Dispersal of glacially derived sediment over part of the continental shelf of south Iceland and the geometry of the resultant sediment bodies	
G.S. Boulton (Edinburgh, Scotland, U.K.), K. Thors (Reykjavik, Iceland) and J. Jarvis (Fife, Scotland, U.K.)	193
Vertical salt-marsh accretion since the Roman Period in the Severn Estuary, southwest Britain	
J.R.L. Allen and J.E. Rae (Reading, England, U.K.)	225
Estimation of annual bedload flux in a macrotidal estuary: Bristol Channel, U.K.	
P.T. Harris (Sydney, N.S.W., Australia) and M. Collins (Cambridge, England, U.K.)	237
Composition and origin of basaltic glass spherules in pelagic clay from the eastern Pacific	
W.G. Melson, T. O'Hearn and K. Fredriksson (Washington, D.C., U.S.A.)	253
Distribution of suspended sediment in the Korea Strait and southeastern Yellow Sea: Onset of winter monsoons	
J.T. Wells (Morehead City, N.C., U.S.A.)	
A study on the regulation of the concentrations of some trace metals (Rb, Sr, Zn, Pb, Cu, V, Cr, Ni, Mn and Mo) in Saanich Inlet, British Columbia, Canada	
R. Francois (Woods Hole, Mass., U.S.A.)	285
Letter Section	
Ten metre global sea-level change associated with South Atlantic Aptian salt deposition	
K. Burke (Houston, Tex., U.S.A.) and A.M. Celal Sengör (Houston, Tex., U.S.A. and Istanbul, Turkey)	309
Thermocline control on coccolith diversity and abundance in Recent sediments from the Celtic Sea and English Channel	500
S.D. Houghton (Milton Keynes, U.K.)	313
C.D. 1100gilon (millon 110/1105, C.11)	510
Book Reviews	
Marine Mineral Exploration by H. Kunzendorf (Editor) — G.P. Glasby	321

Thermal Modeling in Sedimentary Basins by J. Burns (Editor) — A.M. Jessop	321
Contents Volume 83	323